

RECENT ENTOMOLOGICAL LITERATURE.

Asterisks indicate descriptions of new species of American insects, or of new genera.

PERIODICALS CITED.

- 6 Journal of the New York Entomological Society.
22 Zoologischer Anzeiger, Leipsic.
38 Wiener Entomologischer Zeitung.
42 Journal of the Linnean Society, London.
45 Deutsche Entomologische Zeitschrift, Berlin.
46 Tijdschrift voor Entomologie, The Hague.
50 Proceedings of the U. S. National Museum, Washington, D. C.
68 Science, New York City.
97 Zeitschrift für wissenschaftliche Zoologie, Leipsic.
140 Biological Bulletin, Woods Holl, Mass.
141 The Ohio Naturalist, Columbus, O.
147 Revue Suisse de Zoologie, Geneva.
148 Bulletin of the American Museum of Natural History, N. Y.
149 Bulletin of the New Jersey Agricultural Experiment Station, New Brunswick, N. J.
150 Zeitschrift für Entomologie, Nendamm.

THE GENERAL SUBJECT.

Bode, Dr. W. Prof. A. Radcliffe Grote [obit.], with portrait, and a list of his publications numbering 201, 150 Jan. **Cook, M. T.** Galls and insects producing them, pl. IX–XV, 141 Apr. **Plotnikow, W.** On the shedding of the skin, and some elements of the skin of insects, 97 LXXVI, 333, Taf. 21, 22.

ECONOMIC ENTOMOLOGY.

Webster, F. M. Theobald's second report to the British Museum on Economic Zoology [review], 68 May 13.

See also Stebbing, under Hemiptera.

ARACHNIDA.

Banks, N. Four new species of injurious mites* [one new genus, *Tetranychoides*], 6 XII, 53, pl. 2. Simon, E. Description de quelques arachnides nouveaux, 147, tome 12, fascicule 1.

MYRIAPODA.

Morse, M. The breeding habits of the myriapod, *Fontaria indianae*, 141 May.

ORTHOPTERA.

Caudell, A. N. The genus *Cyphoderris*, 6, XII, 47. Rehn, J. A. G. (a) Studies in Old World Forficulids or earwigs, and Blattids or cockroaches, 50 XXVII, 539-560. (b) Studies in American Mantids or soothsayers, 50, XXVII, 561-574.

HEMIPTERA.

Bergrøth, Dr. E. On the systematic position of the genus *Megaedoeum* Karsch, 38 Mar. Breddin, G. Description of new Indo-Australian Pentatomids, 38 Feb. Reh, Dr. L. Scale-insects of middle and northern Europe, 150 Jan. Stebbing, E. P. On the life-history of a new *Monophlebus* from India, with a note on that of a *Vedalia* predaceous upon it; with a few remarks on the *Monophlebiinae* of the Indian region, 42 XXIX, No. 189. Uhler, P. R. List of Hemiptera-Heteroptera of Las Vegas Hot Springs, New Mexico, collected by Messrs. E. A. Schwarz and Herbert S. Barber, 50 XXVII, 349-364.

COLEOPTERA.

Chittenden, F. H. Biological notes on species of *Languria*, 6 XII, 27. Faust, J. Revision of group *Cleonides*,* no. 45 Jan. [The following new genera and subgenera are described: *Pentatropis*, *Cosmogaster*, *Microcleonus*, *Atactogaster*, *Xenomaerus*, *Calodemas*, *Dicranotropis*, *Phaulosomus*, *Amblysomus*, *Ephimeronotus*, *Adosomus*, *Nemoxenus*, *Eucleonus*, *Lixomorphus*, *Brachycleonus*, *Apáratopus*, *Epilectus*, *Mesocleonus*, *Nomimonyx*, *Asinocleonus*, *Monolophus*, *Mencleonus*.] Gebien, H. Revision of the *Pycnocerini* Lacord, 45 Jan., pl. I. Hauser, Dr. G. New species of Cetonians from Africa and one new *Vulgus* from New Guinea,* 45 Jan. [The following new genera are described; *Trazezorrhina*, *Ischyrocera*, *Parapoecilos*.

phila.] Horn, Dr. W. On the collections of *Cicindelidae* of Paris and London, 45, Jan. Reitter, E. One new Mycetaeid genus [*Aclemmysa*] from Italy,* 38 Mar. Schwarz, O. New *Elateridae* from South America,* 45 Jan. [41 species described. Sternberg, C. On the genus *Aegopsis* Burmeister,* 45 Jan. [Four new species from northern S. America and Panama are described.] Townsend, A. B. The histology of the light organs of *Photinus marginellus*, 3 Feb.

See also Stebbing, under Hemiptera.

DIPTERA.

Baker, C. F. A revision of American *Siphonaptera*, or Fleas, together with a complete list and bibliography of the group, 50 XXVII, 365-469. Bemis, F. E. The Aleyrodids, or mealy-winged flies, of California, with references to other American species, 50 XXVII, 471-537. Beyer, G. Insects breeding in adobe walls, 6 XII, 30. Brues, C. T. Notes on *Trichobius* and the systematic position of the Streblidae, 148 XX, art. viii.

Coquillet, D. W. (a) Diptera from southern Texas, with descriptions of new species,* 6 XII, 31. [Nine new species described.] (b) A new *Ceratopogon* from Brazil,* 6 XII, 35. Dyar, H. G. The life history of *Culex cantans* Meigen, 6 XII, 36, pl. I. Holmgren, N. (a) On the morphology of heads of insects: some remarks on the reduction of the heads of Dipterous larvae, 22 XXVII, 343. (b) On the morphology of the heads of insects: with special reference to the development of the head of *Chironomus* larvae, 97 LXXVI, 439, Taf. 27-28. De Meijere D. J. C. H. Contribution to the knowledge of the biology and systematic relationship of the *Conopidae*, 46 XLVI, 144, pl. 14-17. Smith, J. B. The common mosquitoes of New Jersey, 149 No. 171, Feb. 8.

LEPIDOPTERA.

Busck, A. (a) A new species of *Ethmia* from the boreal region of Colorado,* 6 XII, 44. (b) A case-bearer injurious to apple and plum in China [*Coleophora neviusiella*, n. sp.], 6 XII 45. Dyar, H. G. New species of North American Lepidoptera and a new Limacodid larva,* 6 XII, 39. [A new genus, *Oslaria*, and nine new species are described.] Marshall, W. S. The marching of the larva of the maia moth, *Hemileuca maia*, 140 May. Taylor, Rev. G. W. A note on *Agia eborata* Hulst, 6 XII, 46.

HYMENOPTERA.

Ashmead, W. H. A list of the Hymenoptera of the Philippine Islands, with descriptions of new species,* 6 XII, 1. [Two new genera, *Hoplonomia* and *Exoristobia*, and 31 new species described.] **Enderlein, Dr. G.** *Paniscomima*, a new genus of *Rhopalosomatidae* discovered by Baron von Erlanger,* 22 XXVII, 464. **Forel, A.** *Miscellanea myrmécologiques*, 147 tome 12, fascicule 1. **Titus, E. S. G.** Notes on *Osmiinae*, with descriptions of new genera and species,* 6 XII, 22. [The new genera are *Robertsonella* and *Proteriades*; there are there new species.] **Wheeler, W. M.** (a) The American ants of the subgenus *Colobopsis*, 148 XX, art. x. (b) Dr. Castle and the Dzierzon theory, 68 Apr. 8. (c) A crustacean-eating ant (*Leptogenys elongata* Buckley), 140 May.